



## Microsoft Power BI training (Basic to Intermediate) by Ishan Dutta

POWER BI FOR ALL



"NOT just POWER BI but problem solving with Power BI"

*Learn by doing and not just by reading. Power BI is a real skill just like driving a car.*

Mastering Power BI means Mastering Your Data

Tired of drowning in data? Power BI isn't just a tool; it's your lifeboat. But don't just read about it – learn by doing. Just like riding a bike or swimming, Power BI is a skill that's best acquired through practice.

Our hands-on approach will guide you from novice to pro. We'll tackle real-world problems, helping you transform raw data into actionable insights. Join us and discover the power of data-driven decision making.

### **Here's what you'll learn:**

- Data wrangling: Master the art of cleaning and preparing data for analysis.
- Data modelling: Create robust data models to represent your business processes.
- DAX wizardry: Unleash the power of DAX to calculate and analyse your data.
- Visualization mastery: Create stunning and informative visualizations that tell your data's story.
- Best practices: Learn proven techniques for building efficient and scalable Power BI solutions.

### **With our expert guidance and personalized support, you'll be able to:**

- Make data-driven decisions in your projects with confidence.
- Improve business processes and increase efficiency.
- Gain a competitive edge in today's data-centric world.

Don't wait any longer. Enrol in our Power BI training program and start your journey to data mastery today!

### **Here are some additional benefits of our Power BI training program:**

- Flexible learning options: Choose from in-person or online batch mode.
- Experienced instructors: Learn from industry experts with years of experience.
- Real-world case studies: Explore real-world examples of how Power BI is used to solve business problems.

[www.tripcons.in/power-bi](http://www.tripcons.in/power-bi) (WhatsApp: +91 9560227020)



## Microsoft Power BI training (Basic to Intermediate) by Ishan Dutta

- Access to practice datasets: Practice your skills with a variety of sample datasets.
- Certification preparation: Get ready for the Microsoft Power BI certification exam.

We're confident that our Power BI training program will equip you with the skills and knowledge you need to succeed in today's data-driven world.

So, what are you waiting for? Sign up now and start your journey to becoming a Power BI expert!

"After this course you won't be an expert but you will know your way around POWER BI after this foundation course"

### Power BI Training Modules and Lessons

#### **Module 1: Introduction to Business Intelligence**

- Lesson 1.1: What is Business Intelligence (BI)?
- Lesson 1.2: Stages of Business Intelligence
- Lesson 1.3: Use Cases of BI
- Lesson 1.4: Various BI Tools

#### **Module 2: Understanding Power BI**

- Lesson 2.1: Introduction to Power BI
- Lesson 2.2: Why Power BI
- Lesson 2.3: Power BI Components
- Lesson 2.4: Power BI Pricing Structure
- Lesson 2.5: Building Blocks of Power BI
- Lesson 2.6: Architecture of Power BI
- Lesson 2.7: Power BI vs Tableau vs QlikView

#### **Module 3: Getting Started with Power BI**

- Lesson 3.1: Introduction to Power BI Desktop
- Lesson 3.2: Installation of Power BI Desktop
- Lesson 3.3: Key Features of Power BI Workflow
- Lesson 3.4: Creating Reports in Power BI
- Lesson 3.5: Working with Different Data Sources

#### **Module 4: Data Transformation and Modelling**

- Lesson 4.1: Shaping Data using Power Query Editor
- Lesson 4.2: Formatting Data
- Lesson 4.3: Data Types and Profiling
- Lesson 4.4: Naming Conventions and Best Practices
- Lesson 4.5: Working with Parameters
- Lesson 4.6: Data Modelling and Relationships
- Lesson 4.7: Creating Relationships



## Microsoft Power BI training (Basic to Intermediate) by Ishan Dutta

- Lesson 4.8: Cardinality and Cross Filter Direction
- Lesson 4.9: Inactive Relationships

### **Module 5: Data Analytics and Visualization**

- Lesson 5.1: Data Visualization Techniques
- Lesson 5.2: Page Layout and Formatting
- Lesson 5.3: Power BI Desktop Visualization
- Lesson 5.4: Formatting and Customizing Visuals
- Lesson 5.5: Visualization Interaction
- Lesson 5.6: Custom Visualization
- Lesson 5.7: Top-Down and Bottom-Up Analytics
- Lesson 5.8: Drill Down and Drill Through
- Lesson 5.9: Page Navigations and Bookmarks
- Lesson 5.10: Selection Pane and Comparing Analytics
- Lesson 5.11: Combination Charts and Filters
- Lesson 5.12: Hierarchies and Themes
- Lesson 5.13: Performance Analyzer and Q&A
- Lesson 5.14: Sync Slicers and Tooltips
- Lesson 5.15: Tables, Matrix, and Conditional Formatting
- Lesson 5.16: Geographical Data Visualization

### **Module 6: Advanced DAX (Data Analysis Expressions)**

- Lesson 6.1: Introduction to DAX
- Lesson 6.2: DAX Syntax and Functions
- Lesson 6.3: Context in DAX
- Lesson 6.4: Calculated Columns and Measures
- Lesson 6.5: Calculated Tables
- Lesson 6.6: Data Types and Time Intelligence

### **Module 7: Integration with Primavera and MS Project**

- Lesson 7.1: Exporting Data from Primavera to Excel
- Lesson 7.2: Exporting Data from MS Project to Excel
- Lesson 7.3: Analysing and Visualizing in Power BI



## Microsoft Power BI training (Basic to Intermediate) by Ishan Dutta

### Know Your Trainer: Ishan Dutta, BBA

Ishan Dutta is a passionate Data Science and Machine Learning professional with extensive experience in Power BI, data visualization, and data analysis. He has been training and consulting for companies in India and abroad for last 3 years. With hands-on expertise in Business Intelligence, Machine learning and Exploratory Data Analysis (EDA), and Ishan specializes in transforming complex datasets into actionable insights, leveraging tools like Power BI, Python, SQL, and Advanced Excel.



He holds a Data Analyst Masters Certification and has worked with multiple organizations including Feynn Labs and Innomatics Research Labs, where he developed interactive web applications and performed comprehensive data analysis. Ishan also has experience creating interactive dashboards with Power BI and Tableau to deliver impactful insights for stakeholders.

His key projects include building machine learning models for sentiment analysis, text classification, stock price prediction, and developing real-time Power BI dashboards for data-driven decision-making. With his strong problem-solving mindset and dedication to sharing knowledge, Ishan is dedicated to helping learners master Power BI and succeed in their data analytics journey.